







```
;
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 9433
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1757 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 35..1522
US-08-313-075A-49

Query Match 9.3%; Score 31.8; DB 1; Length 1757;
Best Local Similarity 48.2%; Pred. No. 0.13;
Matches 119; Conservative 0; Mismatches 127; Indels 1; Gaps 1;

QY 7 ggagattacagctccagccacacatgattgagtggtttgcaacgacgcgtctaggaagaag 66
Db 685 GGGTTTCCAGCCTCAACCATATGTTCCAAACCAATTCCTTAAACACTCTTTAGCAGAAATC 626

QY 67 agtcgcggttaagtgcacacccagatgacaccatcgaggacttgaagaacacgtgatagcgc 126
Db 625 AGAAACGGATAGTCAATCTTACAGAAATGTTGGATAGCAAAATTCAAAGTAGT 566

QY 127 ccaactgcgcactcgttga-ataagatcgtttcttataaaagtgtgtacacgatttttaagg 185
Db 565 TCCAAAGTGTCTTCCTATATCCACTGCTTCGCCATCTTTCGCACACATTTTGACAATA 506

QY 186 accatgtatctctggagattatgaataaccacagatgggatgaacctggagcgtttattacc 245
Db 505 ATCAATTAACCTTTGGACCTTTTATAGACCTCAGATGTTGATTACCAATCAAGCTGTGTACC 446

QY 246 agtagag 252
Db 445 AGAAAG 439

RESULT 7
PCT-US96-05320A-516
; Sequence 516, Application PC/TUS9605320A
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences
; APPLICANT: 9410 Key West Avenue
; APPLICANT: Rockville, MD 20850
; APPLICANT: United States of America
; APPLICANT: Johns Hopkins University
; APPLICANT: 720 Rutland Avenue
; APPLICANT: Baltimore, MD 21205
; APPLICANT: United States of America
; APPLICANT: Mark D. Adams
; APPLICANT: Owen White
; APPLICANT: Hamilton O. Smith
; APPLICANT: J. Craig Venter
; TITLE OF INVENTION: Nucleotide Sequence of the Haemophilus Influenzae Rd Genome,
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20003-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
```

```
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/05320A
; FILING DATE: April 22, 1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/476,102
; FILING DATE: June 7, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/487,429
; FILING DATE: June 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Eric K. Steffe
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1488.014PC01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 516:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4245 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; PCT-US96-05320A-516

Query Match 8.9%; Score 30.6; DB 5; Length 4245;
Best Local Similarity 55.0%; Pred. No. 0.62;
Matches 60; Conservative 0; Mismatches 49; Indels 0; Gaps 0;

QY 103 ggacttgaagaacatgtagcgcccaactggcactcgttggaaatgaagatcgttcttaa 162
Db 1054 GTCGTCTCTGTAATCACTGTTGGCCCACTTGCACCTTACACCAATGTGGTTTACCGAAG 1113

QY 163 aaagtggtcacgatttttaaggaccatgatatctctctggagattatgaa 211
Db 1114 AAAATGGCATTTGGAATTATTCCGTCGGTTTATCTATGCGAAATTAGAAA 1162

RESULT 8
US-09-280-799-132/c
; Sequence 132, Application US/09280799
; Patent No. 6136503
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 132
; LENGTH: 3571
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-280-799-132

Query Match 8.8%; Score 30; DB 3; Length 3571;
Best Local Similarity 49.4%; Pred. No. 0.93;
Matches 78; Conservative 0; Mismatches 80; Indels 0; Gaps 0;

QY 176 atttttaagaccatgatatctctggagattatgaaatccacgattggatgaacctggag 235
Db 2600 AATTTTAAGACCATTTCTCTCAGTGAACCTAGATAGATATGCTAAGCTAAGCTGGTGG 2541

QY 236 cttattaccagtagaggggaattcctccacttgcacaccttgcacaccttcttctctccatg 295
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Job time: 11759 sec

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US-08-889-841B-46

Query Match 15.0%; Score 59; DB 3; Length 455;  
Best Local Similarity 23.2%; Pred. No. 6.5;  
Matches 19; Conservative 14; Mismatches 21; Indels 28; Gaps 3;

QY 9 RLGGKVRVKN-----TDDTIGDLKKLIAAQTGRNKNIV----- 43  
DB 245 QLNESVEINCRPNNTRRSIHIGPGRAFATGEIIGDIRQAHCNLSSTKWNNTLKQIVT 304  
QY 44 -LKKWY--TIFKDHVSLGDYEI 62  
DB 305 KLREHFNKTIVFNHSSGGDPEI 326

## RESULT 3

US-08-448-603A-28  
; Sequence 28, Application US/08448603A  
; Patent No. 5864027  
; GENERAL INFORMATION:  
; APPLICANT: Berman, Phillip W.  
; APPLICANT: Nakamura, Gerald R.  
; TITLE OF INVENTION: HIV Envelope Polypeptides  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McCutchen, Doyle, Brown & Enersen, LLP  
; STREET: 3 Embarcadero Center  
; CITY: San Francisco  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/448,603A  
FILING DATE: 07-JUN-1994  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/072,833  
FILING DATE: 07-JUN-93  
ATTORNEY/AGENT INFORMATION:

NAME: Haliday, Emily  
REGISTRATION NUMBER: 38903  
REFERENCE/DOCKET NUMBER: 14918-704  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-393-2000  
TELEFAX: 415-393-2286  
TELEX:

INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 850 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-448-603A-28

Query Match 15.0%; Score 59; DB 2; Length 850;  
Best Local Similarity 23.2%; Pred. No. 15;  
Matches 19; Conservative 14; Mismatches 21; Indels 28; Gaps 3;

QY 9 RLGGKVRVKN-----TDDTIGDLKKLIAAQTGRNKNIV----- 43  
DB 285 QLNESVEINCRPNNTRRSIHIGPGRAFATGEIIGDIRQAHCNLSSTKWNNTLKQIVT 344  
QY 44 -LKKWY--TIFKDHVSLGDYEI 62  
DB 345 KLREHFNKTIVFNHSSGGDPEI 366

## RESULT 4

US-09-134-075-28  
; Sequence 28, Application US/09134075  
; Patent No. 6042836  
; GENERAL INFORMATION:  
; APPLICANT: Berman, Phillip W.  
; APPLICANT: Nakamura, Gerald R.  
; TITLE OF INVENTION: HIV Envelope Polypeptides  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McCutchen, Doyle, Brown & Enersen, LLP  
; STREET: 3 Embarcadero Center  
; CITY: San Francisco  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/134,075  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/448,603  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Haliday, Emily  
REGISTRATION NUMBER: 38903  
REFERENCE/DOCKET NUMBER: 14918-704  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-393-2000  
TELEFAX: 415-393-2286  
TELEX:

INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 850 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-134-075-28

Query Match 15.0%; Score 59; DB 3; Length 850;  
Best Local Similarity 23.2%; Pred. No. 15;  
Matches 19; Conservative 14; Mismatches 21; Indels 28; Gaps 3;

QY 9 RLGGKVRVKN-----TDDTIGDLKKLIAAQTGRNKNIV----- 43  
DB 285 QLNESVEINCRPNNTRRSIHIGPGRAFATGEIIGDIRQAHCNLSSTKWNNTLKQIVT 344  
QY 44 -LKKWY--TIFKDHVSLGDYEI 62  
DB 345 KLREHFNKTIVFNHSSGGDPEI 366

## RESULT 5

US-08-889-841B-2  
; Sequence 2, Application US/08889841B  
; GENERAL INFORMATION:  
; APPLICANT: Berman, Phillip W.  
; TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE  
; FILE REFERENCE: 14918-703CIP  
; CURRENT FILING DATE: 1997-07-08  
; PRIOR APPLICATION NUMBER: US 60/676,737  
; PRIOR FILING DATE: 1996-07-08  
; NUMBER OF SEQ ID NOS: 57  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 2

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; LENGTH: 498
; TYPE: PRT
; ORGANISM: HIV
US-08-889-841B-2

Query Match      14.8%; Score 58.5; DB 3; Length 498;
Best Local Similarity 36.5%; Pred. No. 8.6;
Matches 19; Conservative 7; Mismatches 17; Indels 9; Gaps 2;

QY 20 TDDTIGDLKLLIAAQTGRWN---KIVLKKW-----YTFKDHVSLGDIYEI 62
Db 298 TGDIRGDIRQAHCNISGAKWNTLKKVVKLKEQPPNKTIVFNHSSGGDPEI 349

RESULT 6
US-08-889-841B-5
; Sequence 5, Application US/08889841B
; GENERAL INFORMATION:
; APPLICANT: Berman, Phillip W.
; TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
; FILE REFERENCE: 14918-703CIP
; CURRENT APPLICATION NUMBER: US/08/889,841B
; CURRENT FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: US 60/676,737
; PRIOR FILING DATE: 1996-07-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 498
; TYPE: PRT
; ORGANISM: HIV
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)...(498)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-08-889-841B-5

Query Match      14.8%; Score 58.5; DB 3; Length 498;
Best Local Similarity 34.6%; Pred. No. 8.6;
Matches 18; Conservative 8; Mismatches 17; Indels 9; Gaps 2;

QY 20 TDDTIGDLKLLIAAQTGRWNK-----IVLKKWY---TIFKDHVSLGDIYEI 62
Db 298 TGDIRGDIRQAHCNISGAKWNTLKKVVKLKEQPPNKTIVFNHSSGGDPEI 349

RESULT 7
US-08-889-841B-31
; Sequence 31, Application US/08889841B
; GENERAL INFORMATION:
; APPLICANT: Berman, Phillip W.
; TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
; FILE REFERENCE: 14918-703CIP
; CURRENT APPLICATION NUMBER: US/08/889,841B
; CURRENT FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: US 60/676,737
; PRIOR FILING DATE: 1996-07-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 31
; LENGTH: 483
; TYPE: PRT
; ORGANISM: HIV
US-08-889-841B-31

Query Match      14.7%; Score 58; DB 3; Length 483;
Best Local Similarity 27.5%; Pred. No. 9.7;
Matches 22; Conservative 13; Mismatches 25; Indels 20; Gaps 4;

QY 2 IEVVCNDRLGKKVRVKN-----TDDTIGDLKLLIAAQTGRWNKIV-----LKK 46
```

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Db 255 VKINCT-RLGNNTTKSINIGPGRVLYATGEIIGDIRQAHCNISRAQWNTLEKVVVDLKK 313
QY 47 WY----TIFKDHVSLGDIYEI 62
Db 314 QFGDNTTIAFNRSRSGGDPEI 333

RESULT 8
US-08-889-841B-33
; Sequence 33, Application US/08889841B
; GENERAL INFORMATION:
; APPLICANT: Berman, Phillip W.
; TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
; FILE REFERENCE: 14918-703CIP
; CURRENT APPLICATION NUMBER: US/08/889,841B
; CURRENT FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: US 60/676,737
; PRIOR FILING DATE: 1996-07-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 487
; TYPE: PRT
; ORGANISM: HIV
US-08-889-841B-33

Query Match      14.7%; Score 58; DB 3; Length 487;
Best Local Similarity 27.5%; Pred. No. 9.8;
Matches 22; Conservative 13; Mismatches 25; Indels 20; Gaps 4;

QY 2 IEVVCNDRLGKKVRVKN-----TDDTIGDLKLLIAAQTGRWNKIV-----LKK 46
Db 255 VKINCT-RLGNNTTKSINIGPGRVLYATGEIIGDIRQAHCNISRAQWNTLEKVVVDLKK 313
QY 47 WY----TIFKDHVSLGDIYEI 62
Db 314 QFGDNTTIAFNRSRSGGDPEI 333

RESULT 9
US-08-022-835-6
; Sequence 6, Application US/08022835
; Patent No. 5420030
; GENERAL INFORMATION:
; APPLICANT: Reitz Jr., Marvin S.
; APPLICANT: Franchini, Genoveffa
; APPLICANT: Markham, Phillip D.
; APPLICANT: Gallo, Robert C.
; APPLICANT: Lori, Franco C.
; APPLICANT: Popovic, Mikulas
; APPLICANT: Garner, Suzanne
; TITLE OF INVENTION: MOLECULAR CLONES OF HIV-1 AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
; STREET: Eleventh Floor, 1615 L. Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036-5601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/022,835
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

; APPLICATION NUMBER: US 07/599,491  
; FILING DATE: 17-OCT-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Scott, Watson T.  
; REGISTRATION NUMBER: 26,581  
; REFERENCE/DOCKET NUMBER: WTS/5683/78507/SRL  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 861-3000  
; TELEFAX: (202) 822-0944  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 855 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-022-835-6

Query Match 14.6%; Score 57.5; DB 1; Length 855;  
Best Local Similarity 29.5%; Pred. No. 23;  
Matches 23; Conservative 11; Mismatches 27; Indels 17; Gaps 4;

QY 2 IEVVC---NDRLGKKV-----RVKCNVTDITGDLKLLIAAQTGTW----NKIVLKKW-- 47  
Db 296 VEINCTRPNNNTRKSIHIGPGRFYTTGEIIGDIAHCNLSRAKWNLTINKIVIKLREQ 355  
QY 8 ---YTIKFDHVSIGDYEI 62  
Db 356 FGKNTIVFKHSSGGDPEI 373

RESULT 10  
US-08-388-809-6  
; Sequence 6, Application US/08388809  
; Patent No. 5576000  
; GENERAL INFORMATION:

; APPLICANT: REITZ, JR., MARVIN S.; FRANCHINI,  
; APPLICANT: GENOVEFFA; MARKHAM, PHILIP D. GALLO, ROBERT  
; APPLICANT: C.; LORI, FRANCO C.; POPOVIC, MIKULAS; AND  
; APPLICANT: GARTNER, SUZANNE  
; TITLE OF INVENTION: MOLECULAR CLONES OF HIV-1  
; TITLE OF INVENTION: AND USES THEREOF  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MORGAN & FINNEGAN  
; STREET: 345 PARK AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK, 3.5"  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/388,809  
; FILING DATE: 15-FEB-1995

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/022,835  
; FILING DATE: 25-FEB-1993

; APPLICATION NUMBER: US 07/599,491  
; FILING DATE: 17-OCT-1990

; ATTORNEY/AGENT INFORMATION:  
; NAME: LESLIE A. SERUNIAN

; REGISTRATION NUMBER: 35,353  
; REFERENCE/DOCKET NUMBER: 2026-4092US2

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 758-4800  
; TELEFAX: (212) 751-6849  
; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 855 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-022-835-6

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 855 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-388-809-6

Query Match 14.6%; Score 57.5; DB 1; Length 855;  
Best Local Similarity 29.5%; Pred. No. 23;  
Matches 23; Conservative 11; Mismatches 27; Indels 17; Gaps 4;

QY 2 IEVVC---NDRLGKKV-----RVKCNVTDITGDLKLLIAAQTGTW----NKIVLKKW-- 47  
Db 296 VEINCTRPNNNTRKSIHIGPGRFYTTGEIIGDIAHCNLSRAKWNLTINKIVIKLREQ 355  
QY 48 ---YTIKFDHVSIGDYEI 62  
Db 356 FGKNTIVFKHSSGGDPEI 373

RESULT 11  
US-08-647-714-6  
; Sequence 6, Application US/08647714  
; Patent No. 5869313  
; GENERAL INFORMATION:

; APPLICANT: REITZ, JR., MARVIN S.; FRANCHINI,  
; APPLICANT: GENOVEFFA; MARKHAM, PHILIP D. GALLO, ROBERT  
; APPLICANT: C.; LORI, FRANCO C.; POPOVIC, MIKULAS; AND  
; APPLICANT: GARTNER, SUZANNE  
; TITLE OF INVENTION: MOLECULAR CLONES OF HIV-1  
; TITLE OF INVENTION: AND USES THEREOF  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MORGAN & FINNEGAN  
; STREET: 345 PARK AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK, 3.5"  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/647,714  
; FILING DATE:

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/388,809  
; FILING DATE: 15-FEB-1995

; APPLICATION NUMBER: US 08/022,835  
; FILING DATE: 25-FEB-1993

; APPLICATION NUMBER: US 07/599,491  
; FILING DATE: 17-OCT-1990

; ATTORNEY/AGENT INFORMATION:  
; NAME: LESLIE A. SERUNIAN

; REGISTRATION NUMBER: 35,353  
; REFERENCE/DOCKET NUMBER: 2026-4092US2

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 758-4800  
; TELEFAX: (212) 751-6849  
; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 855 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-647-714-6

Query Match 14.6%; Score 57.5; DB 2; Length 855;



IP: 10112  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/037,816A  
FILING DATE: 26-MAR-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 41190/JPW/AJM  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
TELEX: 422523 COOPUI  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 507 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-037-816A-28

Query Match 14.3%; Score 56.5; DB 2; Length 507;  
Best Local Similarity 28.2%; Pred. No. 16;  
Matches 22; Conservative 14; Mismatches 25; Indels 17; Gaps 4;  
QY 2 IEVVC---NDRLGKKV-----RVKCNNTDDTIGDLKLLIAAQTGTRWN-----KIVLK-----45  
DB 295 VEINCTRPNNTRKSIHIGPGRAFYTTGTEIGDIRQAHCNISRAKWNDFLKQIVIKLREQ 354  
QY 46 -KWYTFKDHVSLGDYEI 62  
DB 355 FENKTIVFNHSSGGDPEI 372

RESULT 15  
US-08-530-146-16  
Sequence 16, Application US/08530146  
Patent No. 5886163  
GENERAL INFORMATION:  
APPLICANT: Hasel, Karl W.  
APPLICANT: Maddon, Paul J.  
TITLE OF INVENTION: HIV-1 VACCINES, ANTIBODY COMPOSITIONS RELATED  
TITLE OF INVENTION: THERETO, AND THERAPEUTIC AND PROPHYLACTIC USES  
TITLE OF INVENTION: THEREOF  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10112  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/530,146  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/037,816  
FILING DATE: 26-MAR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 41190/JPW/AJM  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
TELEX: 422523 COOPUI  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 507 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-530-146-16

Query Match 14.3%; Score 56.5; DB 2; Length 507;  
Best Local Similarity 28.2%; Pred. No. 16;  
Matches 22; Conservative 14; Mismatches 25; Indels 17; Gaps 4;  
QY 2 IEVVC---NDRLGKKV-----RVKCNNTDDTIGDLKLLIAAQTGTRWN-----KIVLK-----45  
DB 295 VEINCTRPNNTRKSIHIGPGRAFYTTGTEIGDIRQAHCNISRAKWNDFLKQIVIKLREQ 354  
QY 46 -KWYTFKDHVSLGDYEI 62  
DB 355 FENKTIVFNHSSGGDPEI 372

Search completed: March 3, 2002, 15:53:08  
Job time: 3565 sec